

	U	1	Document ID	Issue Date	Pages
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6278795 B1	20010821	81
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6257389 B1	20010710	6
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6256407 B1	20010703	77
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6241069 B1	20010605	55
5	<input type="checkbox"/>	<input type="checkbox"/>	US 6237739 B1	20010529	43
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6223876 B1	20010501	7
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6220419 B1	20010424	71
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6172745 B1	20010109	11
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6163034 A	20001219	5
10	<input type="checkbox"/>	<input type="checkbox"/>	US 6142284 A	20001107	7
11	<input type="checkbox"/>	<input type="checkbox"/>	US 6101266 A	20000808	27
12	<input type="checkbox"/>	<input type="checkbox"/>	US 6044952 A	20000404	23
13	<input type="checkbox"/>	<input type="checkbox"/>	US 6039645 A	20000321	29
14	<input type="checkbox"/>	<input type="checkbox"/>	US 6026175 A	20000215	17
15	<input type="checkbox"/>	<input type="checkbox"/>	US 5992601 A	19991130	82
16	<input type="checkbox"/>	<input type="checkbox"/>	US 5982918 A	19991109	138
17	<input type="checkbox"/>	<input type="checkbox"/>	US 5966456 A	19991012	44
18	<input type="checkbox"/>	<input type="checkbox"/>	US 5960103 A	19990928	25
19	<input type="checkbox"/>	<input type="checkbox"/>	US 5940623 A	19990817	47

	Title	Current OR	Current XRef
1	Multi-pocket currency discriminator	382/135	194/206
2	Device for examining securities	194/207	194/206
3	Color scanhead and currency handling system employing the same	382/135	358/514 ; 382/321
4	Intelligent currency handling system	194/207	382/135
5	Intelligent document handling system	194/207	382/135
6	Bank note validator	194/207	250/556
7	Method and apparatus for discriminating and counting documents	194/207	250/556
8	Sensing device	356/71	356/445 ; 356/448
9	Optical sensor with planar wall	250/556	250/226 ; 250/557
10	Modular bill acceptor	194/207	
11	Apparatus and method of determining conditions of bank notes	382/135	382/322
12	Multi-function optical sensor for a document acceptor	194/207	250/556
13	Software loading system for a coin sorter	453/10	
14	Currency discriminator and authenticator having the capability of having its sensing characteristics remotely altered	382/135	209/534 ; 705/21
15	Method and apparatus for document identification and authentication	194/207	382/135
16	Automatic funds processing system	382/135	382/136 ; 705/43
17	Method and apparatus for discriminating and counting documents	382/135	382/318 ; 382/320 ; 382/321
18	Method and apparatus for authenticating and discriminating currency	382/135	194/207
19	Software loading system for a coin wrapper	717/11	453/31 ; 705/25

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20	<input type="checkbox"/>	<input type="checkbox"/>	US 5923413 A	19990713	28
21	<input type="checkbox"/>	<input type="checkbox"/>	US 5918960 A	19990706	19
22	<input type="checkbox"/>	<input type="checkbox"/>	US 5915518 A	19990629	17
23	<input type="checkbox"/>	<input type="checkbox"/>	US 5914486 A	19990622	19
24	<input type="checkbox"/>	<input type="checkbox"/>	US 5912982 A	19990615	142
25	<input type="checkbox"/>	<input type="checkbox"/>	US 5909503 A	19990601	24
26	<input type="checkbox"/>	<input type="checkbox"/>	US 5905810 A	19990518	133
27	<input type="checkbox"/>	<input type="checkbox"/>	US 5896192 A	19990420	10
28	<input type="checkbox"/>	<input type="checkbox"/>	US 5806649 A	19980915	9
29	<input type="checkbox"/>	<input type="checkbox"/>	US 5790697 A	19980804	144
30	<input type="checkbox"/>	<input type="checkbox"/>	US 5790693 A	19980804	27
31	<input type="checkbox"/>	<input type="checkbox"/>	US 5640463 A	19970617	9
32	<input type="checkbox"/>	<input type="checkbox"/>	US 5498879 A	19960312	11
33	<input type="checkbox"/>	<input type="checkbox"/>	US 5304813 A	19940419	9

	Title	Current OR	Current XRef
20	Universal bank note denominator and validator	356/71	356/434 ; 356/435 ; 356/444 ; 356/448
21	Detection of counterfeit objects, for instance counterfeit banknotes	356/71	
22	Detection of counterfeit objects, for instance counterfeit banknotes	194/207	356/71
23	Color image reader	250/226	250/208.1 ; 358/514
24	Method and apparatus for discriminating and counting documents	382/135	
25	Method and apparatus for currency discriminator and authenticator	382/135	382/318 ; 382/320 ; 382/321
26	Automatic currency processing system	382/135	194/206
27	Apparatus for discriminating bills which have a transparent portion	356/71	250/559.4 ; 250/559.44 ; 283/85 ; 283/91 ; 356/326 ; 356/416 ; 356/73
28	Paper currency validator	194/203	194/207 ; 250/556
29	Method and apparatus for discriminating and counting documents	382/135	209/546 ; 209/548
30	Currency discriminator and authenticator	382/135	382/191 ; 382/209 ; 382/318 ; 382/320 ; 382/321
31	Method and apparatus for authenticating documents including currency	382/135	194/207
32	Apparatus for the optical recognition of documents by photoelectric elements having vision angles with different length and width	250/556	250/226 ; 356/71
33	Apparatus for the optical recognition of documents	250/556	250/226 ; 356/71

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34	<input type="checkbox"/>	<input type="checkbox"/>	US 5304813 A	19940419	9
35	<input type="checkbox"/>	<input type="checkbox"/>	WO 9731340 A1	19971006	21
36	<input type="checkbox"/>	<input type="checkbox"/>	US 5938044 A	19990817	65
37	<input type="checkbox"/>	<input type="checkbox"/>	US B1 6172745	20010917	11
38	<input type="checkbox"/>	<input type="checkbox"/>	EP A3 744716	20000501	1

	Title	Current OR	Current XRef
34	Apparatus for the optical recognition of documents		
35	Optical lighting and reflection system for scanning unit - has two light sources with central detector and lens systems spreading light over band of substrate		
36	Separating currency bills into several recognisable denominations - determining denomination of bill based upon position of security thread and determining authenticity based upon colour after illuminating bill with light e.g. in visible or ultraviolet range		
37	Optical sensing device for document, e.g banknote, on transport path of validator - has light guide having its light receiving end coupled to groups of light emitting diodes to convey light		
38	Determining authenticity of document - multiplying intensity values treated as components of vector by sets of weighting coeffts. to provide set of discriminant function values which are compared to threshold		

	U	1	Document ID	Issue Date	Pages
39	<input type="checkbox"/>	<input type="checkbox"/>	EP A3 725375	20000501	1
40	<input type="checkbox"/>	<input type="checkbox"/>	US 5304813 A	19940419	9

	Title	Current OR	Current XRef
39	Optical scanning device for authenticating banknotes - scans banknote scanned by light that is passed through beam splitters to feed multiple wavelength detectors and		
40	Optical document identification system - uses light sources providing narrow spectral range light pulses in respective colour ranges		